



Fact Sheet



Missouri Department of Natural Resources

Herculaneum Lead Smelter Site Herculaneum, Missouri

May 2001

Introduction

Responses to comments on the Administrative Order on Consent (AOC) for the Herculaneum Lead Smelter site have been completed.

The responses were prepared through a cooperative effort between the U.S. Environmental Protection Agency (EPA), Missouri Department of Natural Resources (MDNR), U.S. Fish and Wildlife Service, Missouri Attorney General's Office, the Missouri Department of Health, and the Agency for Toxic Substances and Disease Registry.

What Happened Because of the Comments?

EPA and MDNR did not receive any public comments that disclosed facts or considerations indicating the AOC is inappropriate, improper, or inadequate. So, the AOC will not be modified or withdrawn. The AOC will become effective as it is currently written and work needed to address health and environmental issues related to Doe Run's lead smelter operation can begin.

The comments received from the public have resulted in changes to the work that will be done (see box). Changes based on public comments will be incorporated into the workplans required by the AOC. Doe Run will submit the

workplans to EPA and MDNR for approval. Other comments will be addressed through activities conducted by EPA, MDNR and the health agencies. The complete responsiveness summary can be reviewed at the locations listed at the end of this fact sheet. It can also be viewed electronically at www.epa.gov/region07/new.htm

The Public Comments
Resulted in the
Following Changes:

- ▶ Garden soil to be replaced to 24 inches
- ▶ Increased oversight by EPA and MDNR of the work Doe Run conducts
- ▶ EPA and MDNR reconsidering the ambient air monitoring program
- ▶ Health agencies looking into developing a blood testing program for people older than 6
- ▶ Health agencies will assist with concerns regarding cancer and other potential health impacts

What Are the Next Steps?

The AOC will be effective when Doe Run receives a copy of the AOC and a letter finalizing this settlement. Once the AOC is effective, Doe Run has a designated time to submit work plans and conduct work. The following plans are due after the AOC is effective:

- Within 60 days: ◆Slag Pile Runoff Control Plan
- Within 90 days: ◆Community Blood Lead Plan
- Within 120 days: ◆Soil Cleanup Plan
- ◆Sampling and Analysis Plan/Quality Assurance Project Plan (SAP/QAPP)
- ◆Health and Safety Plan
- ◆Slag Pile/Surface Water/Sediment Sampling and Analysis Plan
- ◆Ecological Risk Assessment Workplan
- ◆Groundwater Monitoring Plan
- ◆Natural Resource Damage Assessment Plan

The following activities will begin after EPA and MDNR approve the SAP/QAPP, mentioned above:

- Within 6 months: ◆Investigate soil up to one mile
- Within 18 months: ◆Complete soil replacement up to 0.4 miles from smelter
- Within 18 months: ◆Complete soil replacement up to 1.5 miles at properties with elevated child blood leads
- Within 36 months: ◆Complete all soil investigations

The following documents are also required by the AOC. The schedule for these documents is tied to other activities:

- ◆Sampling Field Sheets
- ◆Human Health Risk Assessment Work plan
- ◆Air Emission Compliance Reports
- ◆Slag Pile/Surface Water/Sediment Assessment Report
- ◆Groundwater Analysis Reports
- ◆Slag Pile Response Options Evaluation Report
- ◆Surface Water and Sediment Response Options Evaluation Report
- ◆National Resource Damages Assessment Report
- ◆Other Areas Evaluation Report

- By July 31, 2002 ◆ Implement air emission control strategy

For More Information

The AOC, responsiveness summary, and other documents related to the site are available for public review at the following locations:

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| Herculaneum Public Library | Herculaneum City Hall | Jefferson County Library |
| 1 Packwood Court | 1 Parkwood Court | 7479 Metropolitan Blvd. |
| Herculaneum, Missouri | Herculaneum, Missouri | Barnhart, Missouri |

Documents are also available at the EPA Region 7 office in Kansas City, Kansas, and the MDNR

office in Jefferson City, Missouri.

If you have questions about this fact sheet or need additional information regarding this site, please contact:

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